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RAW SEQUENCE LISTING   DATE: 04/17/2002
PATENT APPLICATION: US/09/674,254   TIME: 14:18:28

Input Set : **A:\Tab fertility.ST25.txt**
Output Set: **N:\CRF3\04172002\I674254.raw**

```
 3 <110> APPLICANT: Tabibzadeh, Siamak
 5 <120> TITLE OF INVENTION: DIAGNOSTIC MARKERS OF HUMAN FEMALE INFERTILITY
 7 <130> FILE REFERENCE: 0152.00384
 9 <140> CURRENT APPLICATION NUMBER: 09/674,254
10 <141> CURRENT FILING DATE: 2000-12-27
12 <150> PRIOR APPLICATION NUMBER: PCT/US99/09366
13 <151> PRIOR FILING DATE: 1999-04-29
15 <150> PRIOR APPLICATION NUMBER: 60/083,418
16 <151> PRIOR FILING DATE: 1998-04-29
18 <160> NUMBER OF SEQ ID NOS: 6
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1962
24 <212> TYPE: DNA
25 <213> ORGANISM: homo sapien
27 <400> SEQUENCE: 1
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30 cactctgggt gctgcccctg gctggccccg gggcggccct gaccgaggag cagctcctgg   120
32 cgagcctgct gcggcagctg cagctcagcg aggtgcccgt actggacagg gccgacatgg   180
34 agaagctggt catccccgcc cacgtgaggg cccagtatgt agtcctgctg cggcgcgacg   240
36 gggaccgctc ccgcggaaag aggttcagcc agagcttccg agaggtggcc ggcaggttcc   300
38 tggcgtcgga ggccagcaca cacctgctgg tgttcggcat ggagcagcgg ctgccgccca   360
40 acagcgagct ggtgcaggcc gtgctgcggc tcttccagga gccggttccc caaggcgcgc   420
42 tgcacaggca cgggcggctg tccccggcag cgcccaaggc ccgggtgacc gtcgagtggc   480
44 tggtccgcga cgacggctcc aaccgcacct ccctcatcga ctccaggctg gtgtccgtcc   540
46 acgagagcgg ctggaaggcc ttcgacgtga ccgaggccgt gaacttctgg cagcagctga   600
48 gccggccccc ggagccgctg ctcgtacagg tgtcggtgca gagggagcat ctgggcccgc   660
50 tggcgtccgg cgcccacaag ctggtccgct ttgcctcgca ggggggcgcca gccgggcttg   720
52 gggagcccca gctggagctg cacaccctgg acctcaggga ctatggagct cagggcgact   780
54 gtgaccctga agcaccaatg accgagggca cccgctgctg ccgccaggag atgtacattg   840
56 acctgcaggg gatgaagtgg gccaagaact gggtgctgga gcccccgggc ttcctggctt   900
58 acgagtgtgt gggcacctgc cagcagcccc cggaagccct ggccttcaat tggccatttc   960
60 tggggccgcg acagtgtatc gcctcggaga ctgcctcgct gcccatgatc gtcagcatca  1020
62 aggagggagg caggaccagg ccccaggtgg tcagcctgcc caacatgagg gtgcagaagt  1080
64 gcagctgtgc ctcggatggg gcgctcgtgc caaggaggct ccagcatagg ccctggtgta  1140
66 tccattgagc ctctaactga acgtgtgcat aagaggtggt cttaatgtag ggcgttaact  1200
68 ttatacttag caagttactc catcccaatt tagtgctcct gtgtgacctc gccctgtgtc  1260
70 cttccattcc tgtctttccc gtccatcacc catcctaagc acttacgtga gtaaataatg  1320
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76 gaacaataat acccctatgat tagaactggg gaaacagaac tgaattgctg tgttatatga  1500
78 ggaattaaaa ccttcaaatc tctatttccc ccaaatactg acccattctg gacttttgta  1560
80 aacataccta ggccctgtt cccctgagag ggtgctaaga ggaaggatga gggcttcagg  1620
```

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```
 82 ctgggggcag tggacaggga attgggatac ctggattctg gttctgacag ggccacaagc   1680
 84 taggatctct aacaaacgca gaaggctttg gctcgtcatt tcctcttaaa aaaggaggag   1740
 86 ctgggcttca gctctaagaa cttcattgcc ctggggatca gacagcccct acctacccct   1800
 88 gcccactcct ctggagactg agccttgccc gtgcatattt aggtcatttc ccacactgtc   1860
 90 ttagagaact tgtcaccaga aaccacatgt atttgcatgt tttttgttaa tttagctaaa   1920
 92 gcaattgaat gtagatactc agaagaaata aaaaatgatg tt                       1962
 95 <210> SEQ ID NO: 2
 96 <211> LENGTH: 4
 97 <212> TYPE: PRT
 98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
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W--> `101 <221> NAME/KEY: artificial sequence`
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102 <222> LOCATION: (1)..(4)
103 <223> OTHER INFORMATION: pre-pro-protein cleavage site where X is any amino acid
106 <400> SEQUENCE: 2
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W--> `108 Arg Xaa Xaa Arg`
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109 1
111 <210> SEQ ID NO: 3
112 <211> LENGTH: 16
113 <212> TYPE: PRT
114 <213> ORGANISM: homo sapien
116 <400> SEQUENCE: 3
118 Cys Ala Ser Asp Gly Ala Leu Val Pro Arg Arg Leu Gln His Arg Pro
119 1               5                   10                  15
121 <210> SEQ ID NO: 4
122 <211> LENGTH: 19
123 <212> TYPE: DNA
124 <213> ORGANISM: artificial sequence
126 <220> FEATURE:
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128 <222> LOCATION: (1)..(19)
129 <223> OTHER INFORMATION: 5' primer
132 <400> SEQUENCE: 4
133 tcagcgaggt gcccgtact                                                    19
136 <210> SEQ ID NO: 5
137 <211> LENGTH: 19
138 <212> TYPE: DNA
139 <213> ORGANISM: artificial sequence
141 <220> FEATURE:
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143 <222> LOCATION: (1)..(19)
144 <223> OTHER INFORMATION: 3' primer
147 <400> SEQUENCE: 5
148 agttcttaga gctgaagcc                                                    19
151 <210> SEQ ID NO: 6
152 <211> LENGTH: 13
153 <212> TYPE: PRT
154 <213> ORGANISM: homo sapien
156 <400> SEQUENCE: 6
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158 Asp Arg Ala Asp Met Glu Lys Leu Val Ile Pro Ala Cys
159 1   5   10

```
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        Input Set : A:\Tab fertility.ST25.txt
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L:101 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:142 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
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